

PUBLICATION NUMBER : 2002054425
 PUBLICATION DATE : 20-02-02

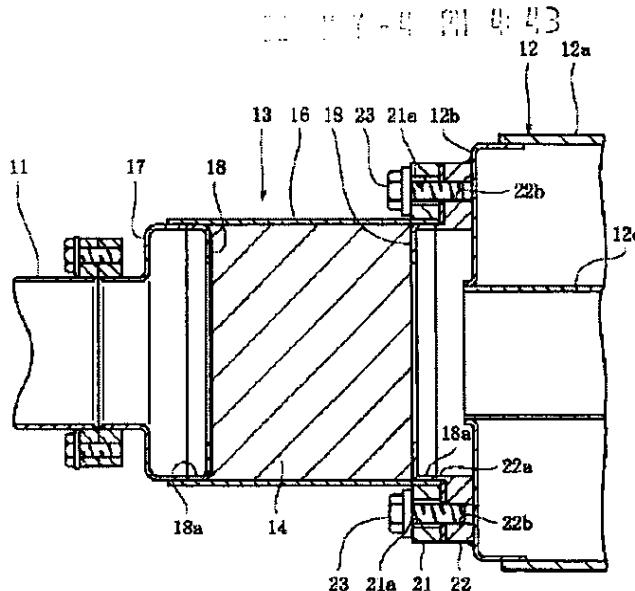
APPLICATION DATE : 10-08-00
 APPLICATION NUMBER : 2000243135

APPLICANT : HINO MOTORS LTD;

INVENTOR : FUNAHASHI HIROSHI;

INT.CL. : F01N 3/02 B01D 46/10

TITLE : FILTER-CONNECTED MUFFLER



10 フィルタ連結マフラー
 12 マフラー
 12b 端板
 13 フィルタ装置
 14 パティキュレートフィルタ
 16 収容管
 21 フランジ部材
 22 取付部材

ABSTRACT : PROBLEM TO BE SOLVED: To minimize the whole length and necessary containing space.

SOLUTION: In this filter-connected muffler, a filter device 13 is connected to the upstream side of a muffler 12 comprising a cylindrical muffler main body 12a and end plates 12b respectively provided at both ends of the muffler main body 12a. The filter device 13 has a containing tube 16 containing a particulate filter 14, and a downstream side end edge of the containing tube 16 is directly and tightly attached to the upstream side of the muffler 12 to couple the filter device 13 with the muffler 12. A radial or circular flange member 21 is provided on an outer circumference at a downstream side end part of the containing tube 16, a circular member 22 to be installed facing the downstream side end edge of the containing tube 16 is provided on the upstream side of the end plate 12b or the muffler main body 12a, and the flange member 21 is locked to the circular member 22 by a screw, thereby the downstream side end edge of the containing tube 16 is directly and tightly applied to the upstream side of the muffler 12.

COPYRIGHT: (C)2002,JPO